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(57) Abstract

The invention relates to a new light pipe (313) for providing backlighting (312) of a flat-panel display (311) by means of at least one light source so that the light pipe has at least one surface which
5 comprises patterns. The patterns have diffraction properties for conducting the light in the direction of the display, and the patterns comprise uniform, mutually different areas having a certain distribution on the surface of the light pipe. The local outcoupling efficiency of the
10 light pipe depends on the characteristic properties of the patterns, which are dependent on the distance to the light source or its wavelength.

Figure 3A

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